Other Confidential Material

Other Confidential Material

Other Confidential Material

Other Confidential Material

Other Confidential Material

Table 2.

Results of VOCs Detected in Groundwater Samples

5030 Firestone Boulevard and 9301 Rayo Avenue

South Gate, California

Well ID	Sample Number	Sample Date	Analyte Concentration (µ/L)								
			Benzene	Toluene	1,1-DCA	1,1-DCE	1,2-DCA	c-1,2-DCE	t-1,2-DCE	PCE	TCE
MW-1	MW-1	03/04/98	<100	<100	<100	220	<100	130	<100	140	24,000
	MW-1-DUP	03/04/98	<100	<100	<100	210	<100	150	<100	160	25,000
	MW-1	05/20/98	<125	<125	<125	160	<125	130	<125	<125	24,000
	MW-1	11/05/98	<125	<125	<125	140	<125	160	<125	170	28,000
	MW-1	02/03/99	<125	<125	<125	130	<125	160	<125	160	27,000
	MW-1	06/01/99	<100	<100	<100	140	<100	190	<100	160	28,000
	MW-1	09/01/99	<100	<100	140	220	<100	200	<100	190	32,000
	MW-1	12/08/99	<250	<250	<250	<250	<250	<250	<250	<250	30,000
	MW-1-A[3]	12/08/99	<100	<100	110	150	<100	200	<100	160	33,000
	MW-1	03/15/00	<100	<100	<100	160	<100	230	<100	150	30,000
	MW-1	06/20/00	<100	<100	<100	<100	<100	<100	<100	<100	24,000
	MW-1	09/07/00	<100	<100	<100	<100	<100	<100	<100	<100	21,000
	MW-1	12/05/00	<100	<100	<100	<100	<100	<100	<100	<100	30,000
	MW-1	03/08/01	<100	<100	<100	<100	<100	<100	<100	<100	23,000
	MW-1	06/05/01	<125	<125	<125	<125	<125	<125	<125	150	31,000
	MW-1	01/17/02	<200	<200	49J	47J	<200	520J	<200	65J	15,000
	MW-1 (PDB-1A)	01/17/02	<200	<200	62J	120J	<200	150J	<200	61J	20,000
	MW-1 (PDB-1B)	01/17/02	<200	<200	64J	120J	<200	150J	<200	84J	19,000
	MW-1	07/02/02	<10	<20	48	71	<10	140	<20	72	15,000
	MW-1-69'	01/10/03	<250	<250	<250	<250	<250	<250	<250	<250	24,000
	MW-1-69'-D	01/10/03	<250	<250	<250	<250	<250	<250	<250	<250	24,000
	MW-1	07/11/03	<5	<5	57.9	72.2	<5	133.7	59.3	48.5	15,526.9
	MW-1 DUP	07/11/03	<5	<5	59.6	72.7	<5	132.9	54	48.9	14,253.3
	MW-1 (PDB-1B)	07/11/03	<250	<250	<250	<250	<250	<250	<250	<250	25,000
	MW-1	06/17/04	<50	<50	<50	<50	<50	740.2	104.2	98.5	17,864.4
	MW-1	06/10/05	<25	<25	41.9	239.8	<25	231.1	66.8	13.6	24,979.0
MW-2	MW-2	03/04/98	<10	<10	13	34	<10	65	<10	<10	2,700
	MW-2	05/20/98	<10	<10	14	38	<10	68	<10	<10	3,000
	MW-2	11/05/98	<10	<10	13	36	<10	68	<10	<10	3,200
	MW-2	02/03/99	<10	<10	13	36	<10	70	<10	<10	3,200
	MW-2	06/01/99	<10	<10	12	34	<10	68	<10	<10	2,800
	MW-2	09/01/99	<10	<10	16	49	<10	72	<10	<10	3,100
	MW-2	12/08/99	<13	<13	<13	<13	<13	57	<13	<13	2,400
	MW-2-A[3]	12/08/99	<10	<10	12	22	<10	63	<10	<10	2,600
	MW-2	03/15/00	<10	<10	<10	<10	<10	74	<10	<10	2,800
	MW-2	06/20/00	<10	<10	<10	<10	<10	46	<10	<10	2,000
	MW-2	09/07/00	<10	<10	<10	<10	<10	42	<10	<10	1,800
	MW-2	12/05/00	<10	<10	<10	<10	<10	50	<10	<10	2,300
	MW-2	03/08/01	<10	<10	<10	<10	<10	44	<10	<10	1,800
	MW-2-DUP	03/08/01	<10	<10	<10	<10	<10	42	<10	<10	1,600
	MW-2	06/05/01	<10	<10	<10	<10	<10	47	<10	<10	2,300
	MW-2	01/17/02	<50	<50	<50	25J	<50	59J	<50	<50	2,000
	MW-2 (PDB-2A)	01/17/02	<50	<50	<50	32J	<50	46J	<50	<50	1,900
	MW-2 (PDB-2B)	01/17/02	<50	<50	<50	38J	<50	52	<50	<50	2,300
	MW-2	07/02/02	<2.5	<5	<5	20	<2.5	50	<5	<5	1,700
	MW-2-53'	01/10/03	<10	<10	<10	20	<10	46	<10	<10	1,600
	MW-2	07/11/03	<2.5	<2.5	<2.5	26	<2.5	42.7	<2.5	<2.5	1,051.4
	MW-2 (PDB-2A)	07/11/03	<10	<10	<10	20	<10	44	<10	<10	1,300
	MW-2	06/17/04	<10	<10	<10	<10	<10	70.6	14.5	<10	1,484
	MW-2	6/10/2005	<2.5	<2.5	73.3	<2.5	<2.5	84.5	10.5	<2.5	1865.7

Table 2.

Results of VOCs Detected in Groundwater Samples

5030 Firestone Boulevard and 9301 Rayo Avenue
South Gate, California

Well ID	Sample Number	Sample Date	Analyte Concentration (µ/L)								
			Benzene	Toluene	1,1-DCA	1,1-DCE	1,2-DCA	c-1,2-DCE	t-1,2-DCE	PCE	TCE
MW-3	MW-3	03/04/98	<10	13	14	82	<10	200	<10	<10	2,800
	MW-3	05/20/98	<10	<10	13	58	<10	230	15	<10	2,800
	MW-3	11/05/98	<10	<10	11	66	<10	240	18	<10	2,300
	MW-3	02/03/99	<10	<10	11	64	<10	220	18	<10	2,000
	MW-3	06/01/99	<10	<10	11	66	<10	240	18	<10	1,900
	MW-3	09/01/99	<10	<10	13	80	<10	270	20	<10	2,600
	MW-3	12/08/99	<13	<13	<13	<13	<13	220	<13	<13	2,500
	MW-3-A[3]	12/08/99	<10	<10	13	55	<10	240	19	<10	2,900
	MW-3	03/15/00	<10	<10	11	61	<10	300	20	<10	3,100
	MW-3	06/20/00	<10	<10	10	<10	<10	170	14	<10	1,900
	MW-3-DUP	06/20/00	<10	<10	11	<10	<10	200	16	<10	2,100
	MW-3	09/07/00	<10	<10	<10	<10	<10	160	<10	<10	1,700
	MW-3-DUP	09/07/00	<10	<10	<10	<10	<10	160	<10	<10	1,700
	MW-3	12/05/00	<10	<10	<10	<10	<10	200	<10	<10	2,,400
	MW-3-DUP	12/05/00	<10	<10	<10	<10	<10	210	<10	<10	2,500
	MW-3	03/08/01	<10	<10	<10	55	<10	200	<10	<10	1,700
	MW-3	06/05/01	<10	<10	<10	<10	<10	210	<10	<10	2,300
	MW-3	01/17/02	18J	<50	<50	40J	<50	130	14J	<50	1,200
	MW-3 (PDB-3A)	01/17/02	<50	<50	<50	18J	<50	140	15J	<50	1,700
	MW-3 (PDB-3A)	01/17/02	13J	<50	<50	54	<50	150	17J	<50	1,700
	MW-3	07/02/02	19	40	7.6	38	2.7	170	12	<5	1,500
	MW-3-69'	01/10/03	<10	<10	<10	31	<10	160	10	<10	1,200
	MW-3	07/11/03	<2.5	<2.5	5.1	38.5	<2.5	154.5	8.2	<2.5	902.1
	MW-3 (PDB-3B)	07/11/03	<10	<10	<10	33	<10	160	<10	<10	990
	MW-3	06/17/04	<5.0	<5.0	<5.0	10.2	<5.0	560.5	<5.0	<5.0	486
	MW-3	06/10/05	432.5	2.5	3.9	105.4	8.2	254.9	31.9	<0.5	947.1
MW-4	MW-4	11/05/98	<0.5	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	<0.5	6.7
	MW-4	02/03/99	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5
	MW-4	06/01/99	<0.5	<0.5	<0.5	<0.5	65	1.1	<0.5	<0.5	0.90
	MW-4	09/01/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	12/08/99	1.2	<0.5	<0.5	<0.5	<0.5	4.1	1.0	<0.5	17
	MW-4-A[3]	12/08/99	1.2	<0.5	<0.5	<0.5	<0.5	4.6	1.1	<0.5	18
	MW-4	03/15/00	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.68
	MW-4	06/20/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	09/07/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	12/05/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	03/08/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	06/05/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	01/17/02	0.28J	<1	<1	1.4	<1	61	6.7	<1	220
	MW-4 (PDB-4A)	01/17/02	<1	<1	<1	<1	<1	<1	<1	<1	0.30J
	MW-4 (PDB-4B)	01/17/02	<1	<1	<1	<1	<1	<1	<1	<1	0.23J
	MW-4	07/02/02	<0.5	<1	<1	<1	<0.5	17	1.3	<1	140
	MW-4 (DUP)	07/02/02	<0.5	<1	<1	<1	<0.5	20	1.6	<1	150
	MW-4-69'	01/10/03	0.64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	07/11/03	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	34.4
	MW-4 (PDB-4B)	07/11/03	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.54
	MW-4	06/17/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	6/10/2005	7.1	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	9.7

Table 2.
Results of VOCs Detected in Groundwater Samples
5030 Firestone Boulevard and 9301 Rayo Avenue
South Gate, California

			Analyte Concentration (µg/L)								
Well ID	Sample Number	Sample Date	Benzene	Toluene	1,1-DCA	1,1-DCE	1,2-DCA	c-1,2-DCE	t-1,2-DCE	PCE	TCE
MW-5	MW-5	11/05/98	<25	<25	<25	42	<25	380	30	<25	5,000
	MW-5-DUP	11/05/98	<25	<25	<25	40	<25	360	29	<25	4,800
	MW-5	02/03/99	<25	<25	<25	49	<25	420	35	<25	5,100
	MW-5-DUP	02/03/99	<25	<25	<25	45	<25	370	31	<25	4,500
	MW-5	06/01/99	<25	<25	<25	52	35	420	36	<25	5,500
	MW-5-DUP	06/01/99	<25	<25	<25	56	39	430	35	<25	5,300
	MW-5	09/01/99	<25	<25	<25	40	<25	420	45	<25	5,500
	MW-5-DUP	09/01/99	<25	<25	<25	69	<25	440	45	<25	6,000
	MW-5	12/08/99	<50	<50	<50	<50	<50	390	<50	<50	5,100
	MW-5-A[1,3]	12/08/99	<25	<25	<25	<25	<25	410	25	<25	5,300
	MW-5-DUP	12/08/99	<50	<50	<50	<50	<50	360	<50	<50	5,000
	MW-5-DUP-A[1,3]	12/08/99	<25	<25	<25	<25	<25	410	26	<25	5,300
	MW-5	03/15/00	<50	<50	<50	<50	<50	440	<50	<50	5,500
	MW-5-DUP	03/15/00	<50	<50	<50	<50	<50	450	<50	<50	5,800
	MW-5	06/20/00	<25	<25	<25	<25	<25	350	<25	<25	4,400
	MW-5	09/07/00	<10	<10	<10	<10	<10	280	<10	<10	3,700
	MW-5	12/05/00	<10	<10	<10	<10	<10	190	<10	<10	4,700
	MW-5	03/08/01	<25	140	<25	<25	<25	260	<25	<25	3,600
	MW-5	06/05/01	<25	<25	<25	<25	<25	340	<25	<25	5,400
	MW-5-DUP	06/05/01	<25	<25	<25	<25	<25	350	<25	<25	5,400
	MW-5	01/17/02	<50	<50	<50	13J	<50	120	13J	<50	1,900
	MW-5 (PDB-5A)	01/17/02	<50	<50	<50	22J	<50	140	18J	<50	3,200
	MW-5 (PDB-5B)	01/17/02	<50	<50	<50	37J	<50	270	29J	<50	4,000
	MW-5	07/02/02	<2.5	7.8	<5	8.9	<2.5	58	8.6	<5	1,700
	MW-5-53'	01/10/03	<50	<50	<50	<50	<50	320	<50	<50	4,700
	MW-5	07/11/03	<2.5	<2.5	6.3	<2.5	<2.5	53.6	7.2	<2.5	1,819.2
	MW-5 (PDB-5A)	07/11/03	<50	<50	<50	<50	<50	340	<50	<50	4,900
	MW-5	06/17/04	<25.0	<25.0	<25.0	27.2	<25.0	1302.4	<25.0	<25.0	3,536
	MW-5	06/10/05	<10	<10	<10	50.8	<10	400.4	42.6	<10	4,485.0
CA MCL			1.0	150	5.0	6.0	0.5	6.0	10	5.0	5.0

Notes:
1,1-DCA = 1,1-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,2-DCA = 1,2-dichloroethane
c-1,2-DCE = cis-1,2-dicloroethene
t-1,2-DCE = trans-1,2-dichloroethene
PCE = terachloroethene
TCE = thrichloroethene
VOCs = volatile organic compounds
µg/L = micrograms per liter
PDB = passive diffusion bag
J = value between Reporting Limit and Method Detection Limit
B = found in associated method blank

1. Current analyses performed by C&E Laboratories, Inc., in Santa Fe Springs, California using EPA Method 8260 for VOCs.
2. < indicates that the analyte was not detected at a concentration above the indicated method detection limit.
3. Samples collected on 8 December 1999 were initially analyzed on 9 December 1999 and were re-analyzed on 17 December 1999 in an attempt to achieve lower method detection limits.
4. CA MCL = California Maximum Containment Level
5. PDB-1A = PDB hung at bottom of well casing (approximately 68-69 feet)
   PDB-1B = PDB hung at middle of well casing (approximately 52-54 feet)

2L

CalEPA

Pete Wilson
Governor

Los Angeles Regional Water Quality Control Board

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

February 2, 1998

Mr. Eli Stanesa
Jervis B. Webb Company
34375 West Twelve Mile Road
Farmington Hills, MI 48331-5624

SPILLS, LEAKS, INVESTIGATION AND CLEANUP OVERSIGHT COST REIMBURSEMENT ACCOUNT - JERVIS B. WEBB COMPANY - 5030 FIRESTONE BOULEVARD, SOUTH GATE, CA (SLIC NO. 744)

Dear Mr. Stanesa:

The California Water Code (CWC), Section 13304, allows the Regional Board to recover reasonable expenses from the responsible party to oversee cleanup of unregulated releases which have adversely affected waters of the State.

The subject site was used as a rivets manufacturing company. A Phase II Site Assessment was conducted and the results show the soil is impacted with various volatile organic compounds. The highest soil contamination found around the clarifier are 140 mg/kg of tetrachloroethene and 270 mg/kg of trichloroethene. The contaminants have exceeded the VOC soil cleanup levels. The released products have threatened to degrade the groundwater quality and the beneficial uses of the State's waters.

Works to be performed by Board staff during fiscal year 1997/1998 include reviewing site assessment workplans and reports, carrying out site inspections, and participating in meetings and conference calls.

The expected outcome of works performed include approval of workplans and corrective action plans.

We estimate that we will spend approximately 110 labor hours per year in the conduct of such oversight. The actual time needed will depend upon the nature and extent of the cleanup and your willingness to accomplish the cleanup in a timely manner. The State billing rate is approximately $70.00 per hour.

A detailed description of the billing procedure and salary scale are enclosed. We are requesting your acknowledgment of cost recovery obligations to reimburse the State of California for staff oversight by signing and returning the acknowledgment on or before **March 2, 1998**.

If you have any questions concerning the billing procedure, please contact Mr. Jim Ross, Site Cleanup Unit Chief at (213)266-7550 or Ms. Wendy Liu at (213) 266-7530.

Sincerely,

Dennis A. Dickerson

DENNIS A. DICKERSON
Executive Officer

Enclosures

Site Inspection Re-Assessment (SI-2)

JERVIS B. WEBB CO.
9301 RAYO AVE.
SOUTH GATE, CALIFORNIA 90280

EPA ID #: CAD 008339467
CAL Sites ID #:

Report Date: **May 2002**

Submitted To: **Jere Johnson**
State Project Officer
US EPA, Region IX, Superfund Program

Prepared by: **Lori Parnass**
CAL/EPA-Department of Toxic Substances Control
Grant Number: V-999-252-03-0

Review & Concurrence: **Rita Kamat**
DTSC Unit Chief

SITE BACKGROUND:

The site is located at 9301 RayoAvenue (Rayo property) and 5030 Firestone Boulevard (Firestone property) in the City of South Gate in Los Angeles County. The site is bounded on the north by Firestone Boulevard and on the south by Rayo Avenue. Piazza Trucking (formerly Laidlaw) lies to the immediate east and a 50-foot wide Union Pacific Railroad tracks lies to the west of the site. The Rayo property subdivided in 1997 when Reliable Steel bought the 2.8 acre parcel adjacent to Rayo Avenue. This property has one building on it and is completely paved. The remaining 1.4 acres adjacent to Firestone Boulevard (Firestone) is still owned by Webb of California (formerly Jervis B. Webb Company of California). The Firestone property has one building on it and is completely paved. The sites are zoned for industrial land use.

Webb manufactured conveyor systems at the Rayo property (now Reliable Steel property) from the middle 1950s to early 1996. Industrial processes used at this site included cutting, drilling, assembling, welding and painting metal. A 6,500 gallon concrete lined underground storage tank (UST) and a 250 gallon open bottomed sump (sump) were identified as Rayo properties contaminated source areas. The UST and sump were both located inside the building along the northeast wall. They were excavated, and closed, in 1996, under the supervision of the Los Angeles County Public Works. The UST had been used for storage of water and paint and was out of service since 1987. Confirmation samples from the excavation pit detected no VOCs or total petroleum hydrocarbons (TPH). Arsenic was detected at 2.4 and 2.7 milligram per kilogram (mg/kg), the industrial preliminary remediation goal (PRG) is 3.0 mg/kg; total chrome was

detected at 12 and less than 1 mg/kg, the PRG is 450 mg/kg. The sump consisted of a three-foot diameter open-bottomed steel pipe, extending four feet below the floor level, with a man-hole type cover set in the concrete floor of the building. A layer of paint, approximately one to two inches thick, was observed on the gravely fill soil at the base of the sump. A sample obtained at the bottom of the sump immediately under the paint layer detected lead at 1,600 mg/kg, above the PRG. A total of thirty-five cubic yards of soil was excavated from beneath the sump. The sump was over-excavated to a depth of ten feet. Five soil samples collected from the bottom of the excavation and the four side walls detected no VOCs, TPH or elevated lead levels. Arsenic was detected at 1.6 and 3.1 mg/kg and total chrome was detected at 7.4 and 16 mg/kg.

In 1975, Webb purchased the Firestone property from Spear Industries. Blake Rivet Company (Blake), an aircraft rivet manufacturer, which had been leasing the Firestone property prior to Webb's purchase, continued to lease the property until approximately 1981. In 1981, Webb began to use the Firestone property to store metal stock that was used at the adjacent Rayo property.

Blakes' industrial operations produced chromium, arsenic and spent cyanide waste, residue and sludge. Blake used an above-ground anodizer as part of its rivet manufacturing operation. Wastewater from the anodizer was collected in floor trenches, in the anodizer area, where it was directed to a three-stage clarifier made of concrete. Several investigations were conducted between 1995 and 2001. These investigations defined the industrial waste clarifier, sumps T1 and T2 and the anodizing area as the sites contaminated source areas. Soil analytical results detected PCE (140,000 ug/kg), TCE (270,000 ug/kg), 1,1- dichloroethane (DCA) (52 ug/kg) and 1,1,1-trichloroethane (TCA) (300 ug/kg) proximal to the anodizing and clarifier areas, at 21 feet bgs. The clarifier was removed in June 1999 under the supervison of the Los Angeles Regional Water Quality Control Board (RWQCB). The excavation measured approximately 15 feet by 11 feet by 8 feet deep. A total of 47 cubic yards of clean backfill material was backfilled into the excavation of the sewer pipe capping. No confirmation samples were collected from inside the excavation as a soil vapor extraction system (SVE) was installed as a treatment technology adjacent to this area March 2000. The system included seven soil vapor wells (four of the wells were screened from 19 to 25 feet and three of the wells were screened from 30 to 40 feet). Running at a flow rate of approximately 200 scfm and extracting vapors treated by two 1,000 pound granular activated carbon vessels, the soil vapor extraction unit removed an estimated total of 155 pounds of VOCs as of May 2001.

CURRENT STATUS:

The State of California Regional Water Quality Control Board – Los Angeles (RWQCB-LA) provided oversight for the most recent cleanup activities at the site. The SVE system was turned off and the RWQCB provided the Webb Company a no further action for the soil cleanup at this location on January 23, 2002.

Confirmation soil analysis in this area and at depths from six feet bgs to forty feet bgs indicate residual contamination exists at the following concentrations: 39 ug/kg of PCE and 67 ug/kg of TCE. Other contaminants include: 1,800 mg/kg TRPH C20-C30, 16,000 mg/kg of TRPH C20-C30, 7.9 mg/kg of arsenic, 170 mg/kg of barium, 0.6 mg/kg of cadmium, 74 mg/kg of chromium,

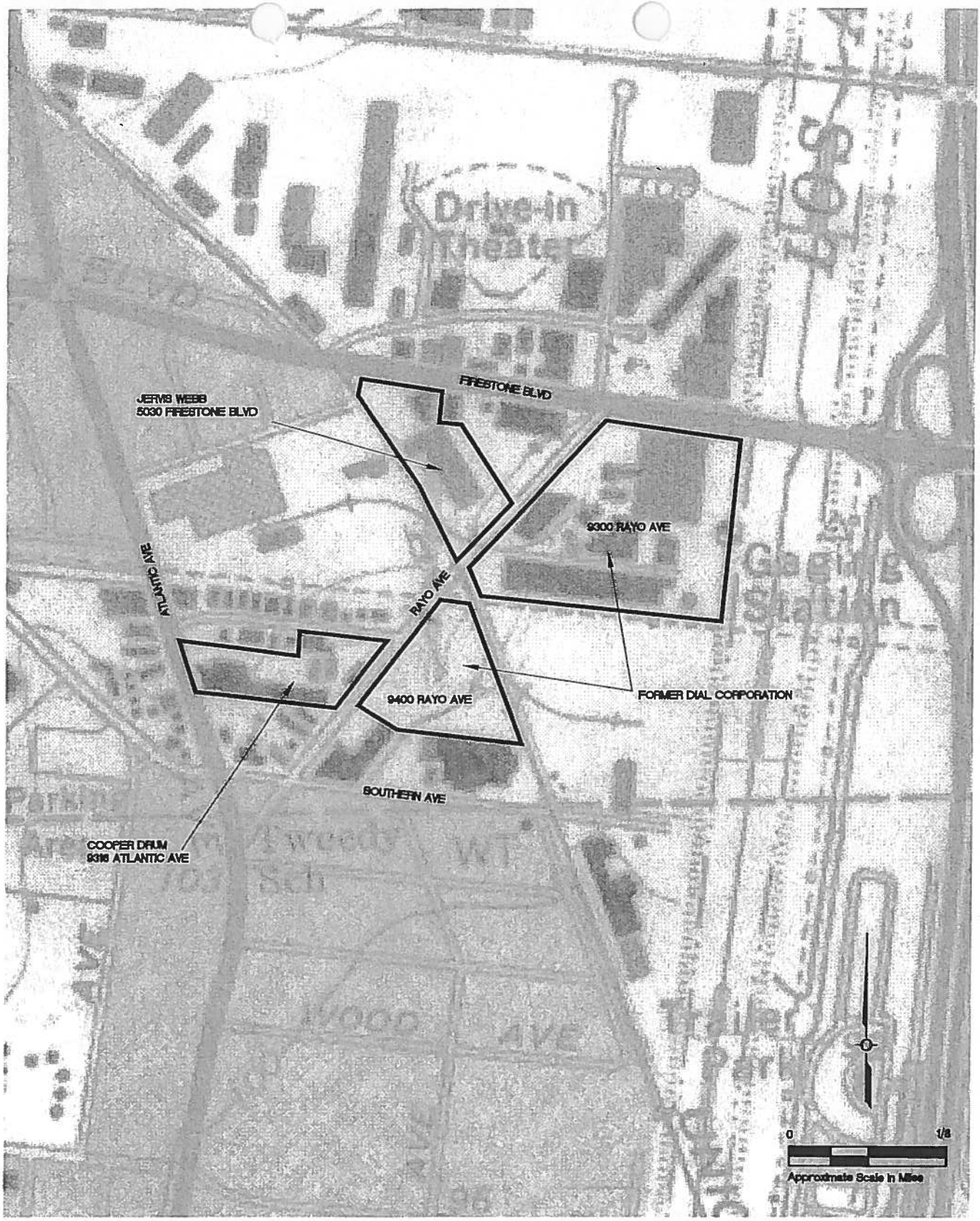
0.24 mg/kg of hexavalent chromium, 25 mg/kg of lead, and 2.5 mg/kg of mercury. Sump T1 is located in the anodizing area and T2 is located in the northeast portion of the building located on the Firestone property. The RWQCB stated the above ground tanks have been razed, however no closure reports were available.

Groundwater is encountered at approximately 42 feet bgs. The groundwater beneath the site is impacted with VOCs and metals. Benzene was detected at 77 ug/l, 1,1-DCA at 240 ug/l, PCE at 190 ug/l, TCE at 35,000 ug/l, MEK at 8.4 ug/l, acetone at 490 ug/l, arsenic at 320 ug/l and molybdenum at 1,100 ug/l. The maximum contaminant level (MCL) for benzene, PCE and TCE is 5ug/l. Groundwater monitoring will continue for all on-site wells (MW-1 to MW-5).

RECOMMENDATIONS:

The groundwater for the site remains under RWQCB oversight . However, as elevated levels of contaminants still remain in groundwater underlying the site it should be monitored. If contaminant levels increase in the future the site may have to be re-evaluated because five drinking water wells are located within a half mile from the site.

Additional South Gate facilities have identified VOC contamination in groundwater beneath their sites. The Los Angeles Chemical Company, 4545 Ardine Street, is located approximately1.3 miles northwest of Webb. The former Cooper Drum facility, 9316 South Atlantic Avenue, is approximately 0.1 miles southwest of Webb. Cooper Drum identifies groundwater flow direction as south/southeast.



Cooper DRA May 09, 2002 020314F01-07.DWG

URS
2520 VENTURE OAKS WAY, SUITE 250
SACRAMENTO, CA 95833-3200

Cooper Drum Company
South Gate, California

FIGURE 1-7
Related Investigations Site Location Map